

### **ABSTRACT**

**[0057]** This invention relates to tools for preparing vertebral bodies in the spine for the implantation of an artificial vertebral disk replacement and related method. A first tool is disclosed that prepares the vertebral bodies for implantation by cutting offset channels in the vertebral bodies. The second tool holds two plates of the implant during the implantation process. This invention also relates to an artificial vertebral disk replacement, a method of operation, and a method of implanting.